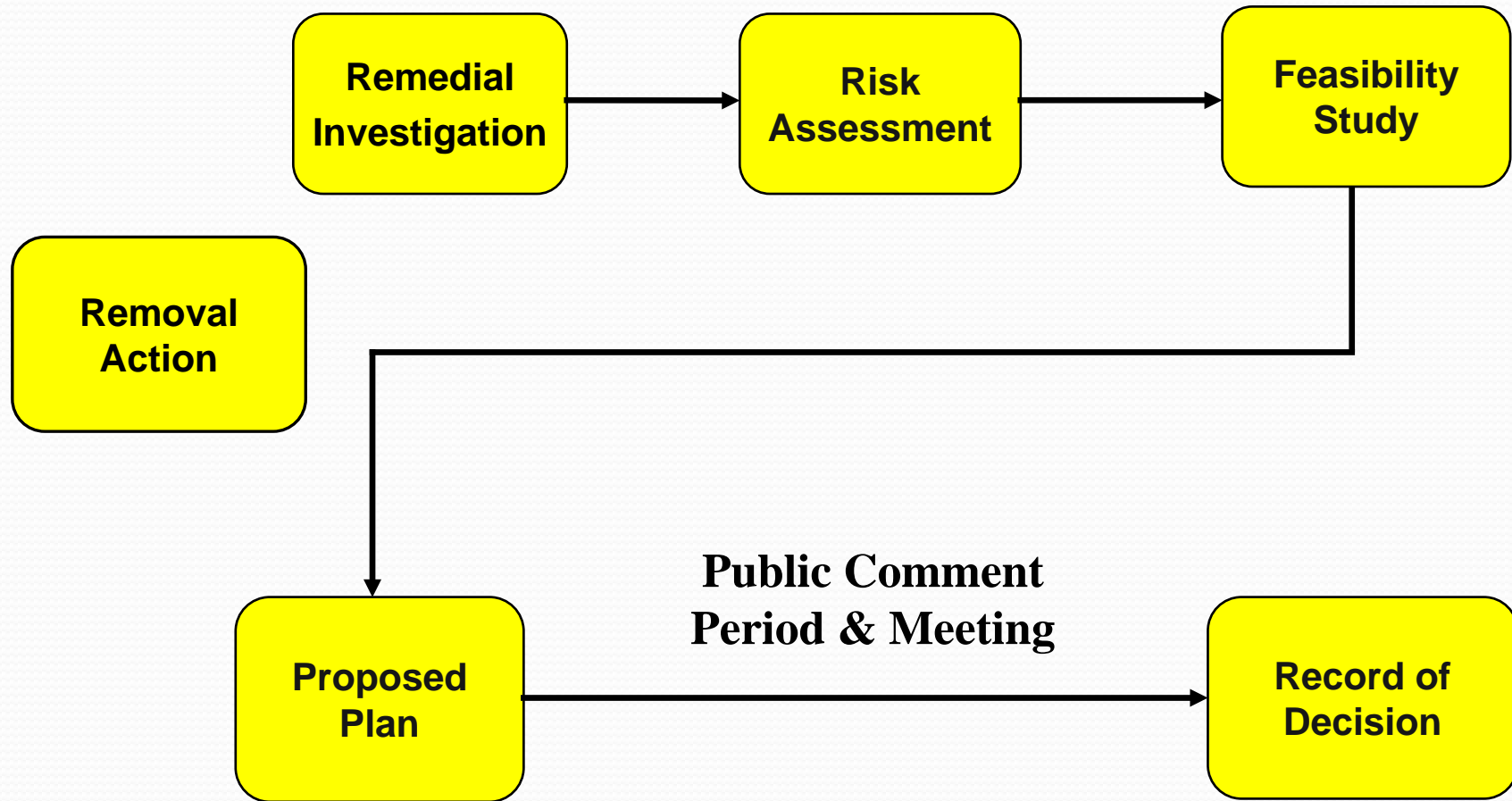


# Remedial Investigation & Feasibility Study Update

## San Jacinto River Waste Pits Superfund Site

Public Meeting  
September 22, 2011

# Superfund Process



# RI/FS Field Investigations

Work is being done by the site Responsible Parties under oversight of EPA, TCEQ, and other agencies.

## Sample/Data Collection:

- Sediment samples on the Site & background areas.
- Soil samples collected on the Site & background areas.
- Groundwater samples (shallow & deep) below impoundments.
- Tissue samples (catfish, crab, killifish & clams) on the Site & background.
- Fate & transport studies.

# San Jacinto River Waste Pits Superfund Site

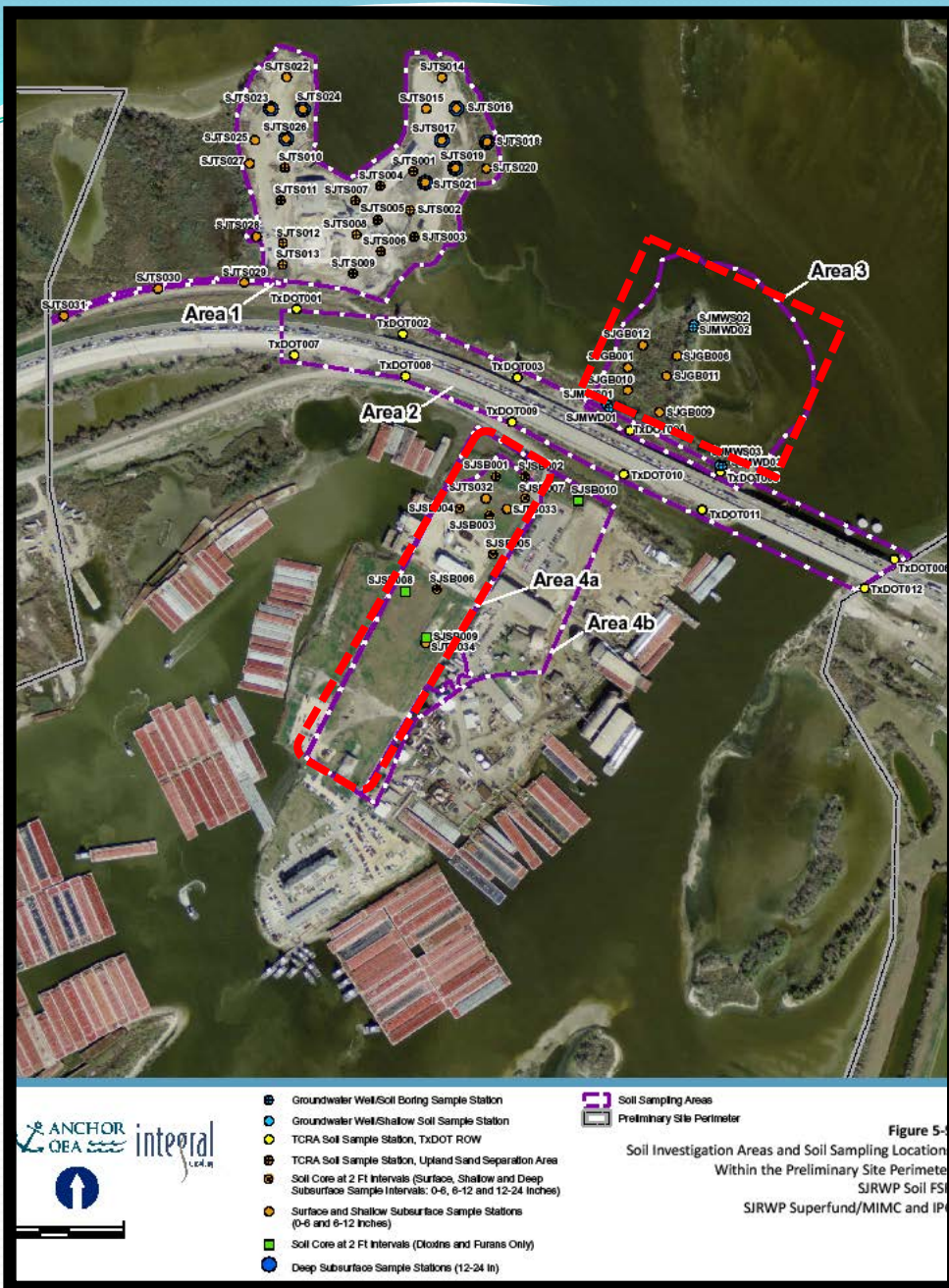
River sediment samples within  
preliminary site boundary.





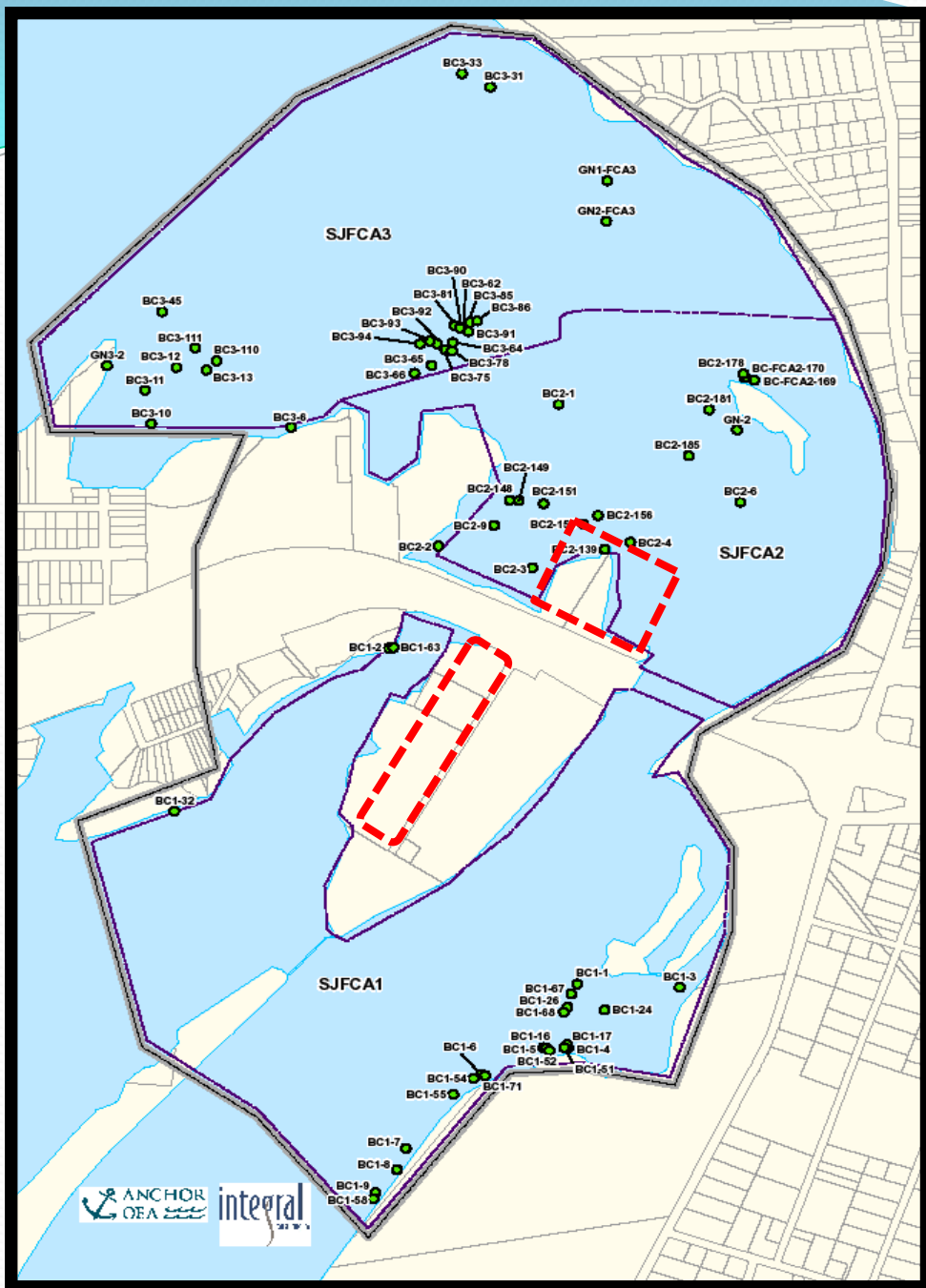
# San Jacinto River Waste Pits Superfund Site

Soil samples within preliminary  
site boundary.



# San Jacinto River Waste Pits Superfund Site

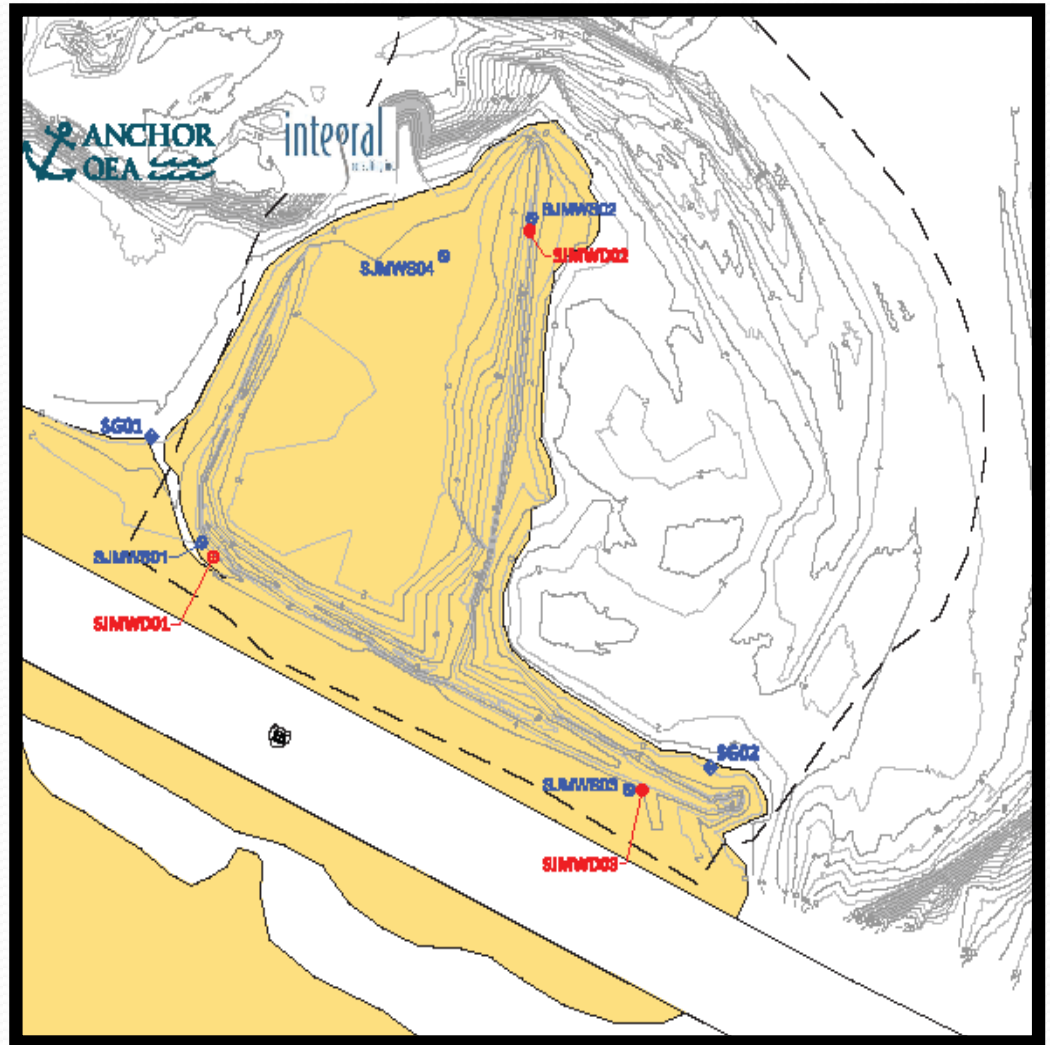
Hardhead catfish sample  
locations within preliminary  
site boundary.



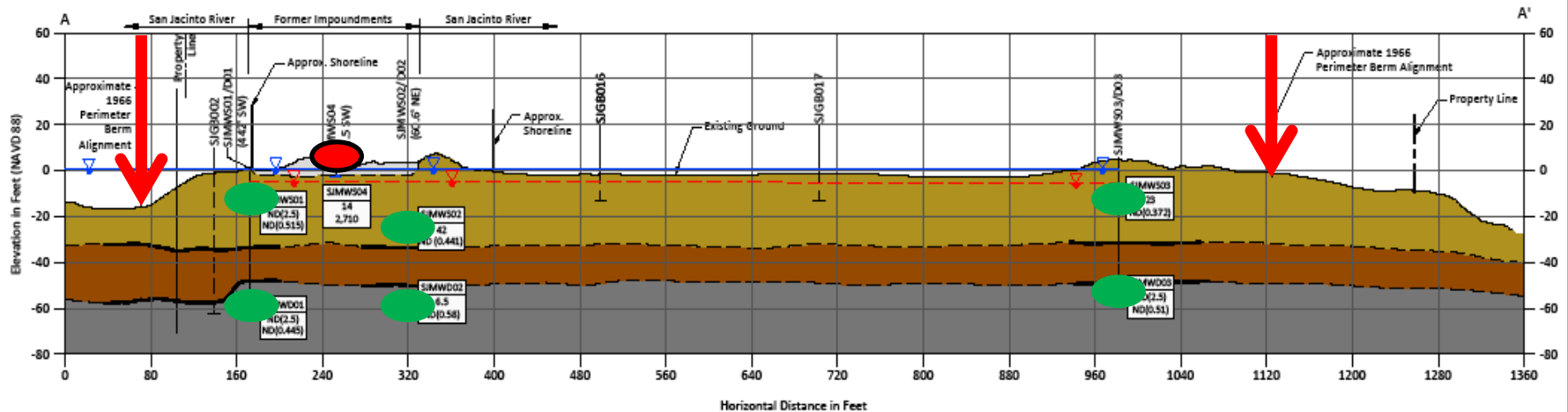


# San Jacinto River Waste Pits Superfund Site

Groundwater sample  
locations



# San Jacinto River Waste Pits Superfund Site Groundwater Cross-Section

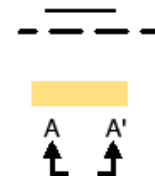


## LEGEND:

- Boring location
- Stratigraphic Boundary
- Inferred Stratigraphic Boundary
- Approximate Alluvial Potentiometric Surface
- Approximate Chicot Aquifer Potentiometric Surface
- Waste (Approximate)
- Interbedded Recent Alluvial Sediments (Clay, Silt, Sand)
- Clay (Brown, Red-Brown-Gray, Blue-Gray) Upper Beaumont Formation
- SAND (Gray, Blue-Gray) Upper Beaumont Formation

Dioxin not detected in groundwater

2710 pg/L Dioxin in water within waste material.





## Future Work

### Sampling/Analysis:

- Chemical fate and transport analysis.
- Additional sampling in Southern Impoundment.
- Additional background sediment and tissue sampling.

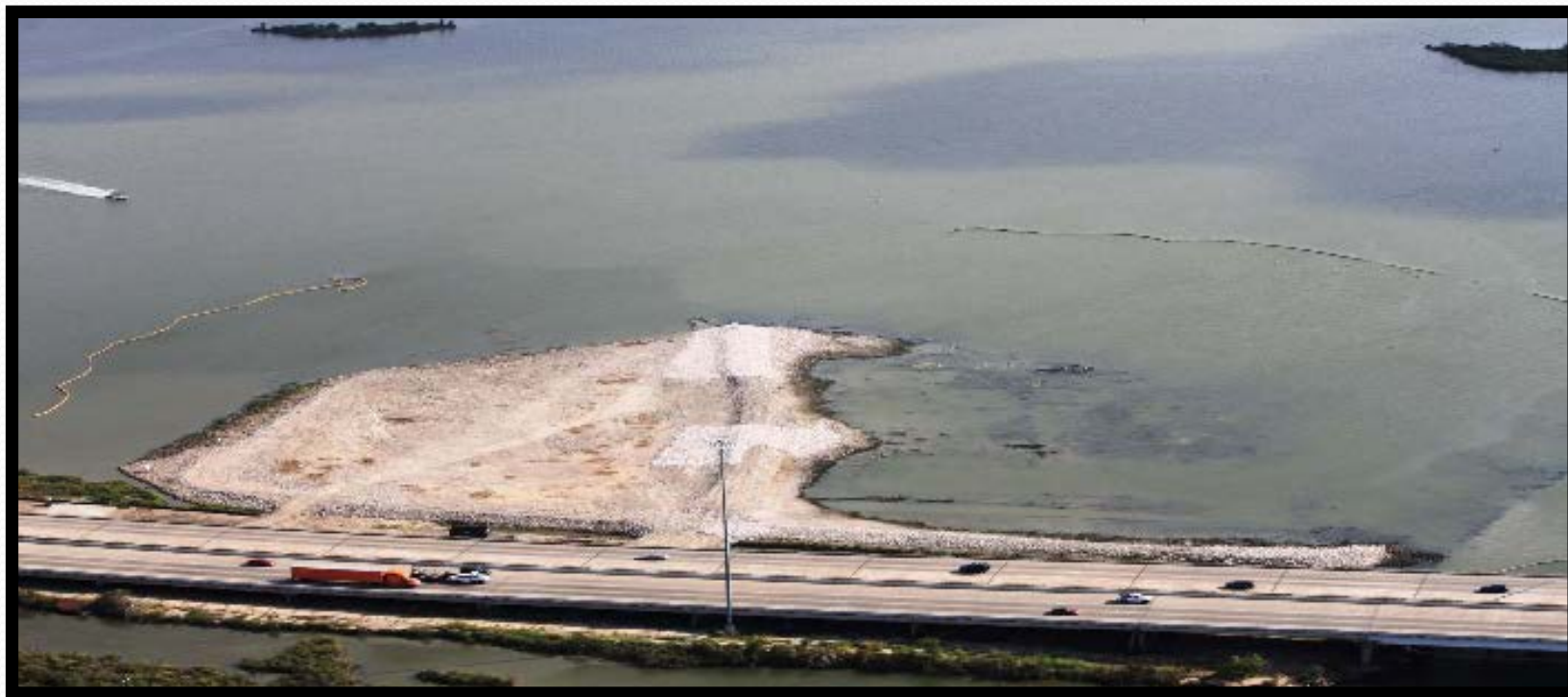
### Reports:

- Feb 2012: draft Baseline Ecological Risk Assessment report submitted.
- June 2012: draft baseline Human Health Risk Assessment and Remedial Investigation reports submitted.
- February 2013: draft Feasibility Study submitted.

Record of Decision: The “ROD” will select the final remedy for the waste pits & entire site following a public comment period & meeting.

# Initial Assessment of Sampling Results

- Sediments in Waste Pits and San Jacinto River.
- Site soil samples.
- Residential soil samples.



# For More Information

## U.S. EPA

**Gary Miller**  
**Superfund Remedial Project Manager**  
214.665.8318 or 1.800.533.3508 (toll-free)

**Valmichael Leos**  
**Superfund On-Scene Coordinator**  
214.665.2283 or 1.800.533.3508 (toll-free)

**Stephen Tzhone**  
**Superfund Remedial Project Manager**  
214.665.8409 or 1.800.533.3508 (toll-free)

**Donn Walters**  
**Superfund Sr. Community Involvement  
Coordinator / Public Liaison**  
214.665.6483 or 1.800.533.3508 (toll-free)

## Texas Commission on Environmental Quality

**Luda Voskov**  
**Project Manager, Superfund Section**  
512.239.6368

**Crystal Taylor**  
**Community Relations, Superfund Section**  
512.239.3844

**Site Repository**  
Highlands Public Library, Stratford Branch  
509 Stratford Street, Highlands Texas

## San Jacinto Waste Pits Superfund Site on the Internet

[www.sanjacintowastepits.com](http://www.sanjacintowastepits.com) or  
[www.epa.gov/region6/6sf/pdf/files/0606611.pdf](http://www.epa.gov/region6/6sf/pdf/files/0606611.pdf)